Cyclonic separating apparatus

Patent number: GB2406065
Publication date: 2005-03-23
Inventor: OH JANG-KEUN (KR); HAN JUNG-GYUN (KR)
Applicant: SAMSUNG GWANGJU ELECTRONICS CO (KR)
Classification:
- international: ***A47L9/16; B04C5/13; B04C5/24; B04C5/26;*** **A47L9/10; B04C5/00;** (IPC1-7): B04C5/24
- european: A47L9/16; B04C5/13; B04C5/24; B04C5/26
Application number: GB20040012903 20040609
Priority number(s): KR20030062520 20030908

Also published as:
US2005050865 (A1)
JP2005081134 (A)
FR2859370 (A1)
DE102004028678 (A1)
CN1593323 (A)
more >>

Report a data error here

Abstract of **GB2406065**

Cyclonic dust-collecting apparatus for use in (and used in) a vacuum cleaner comprises a first cyclone (111, fig. 1). Disposed around the outside of the first cyclone is a plurality of second cyclones (113, fig. 1) in parallel. A dust-collecting unit (165) is detachably connected to the first and second cyclones and collects dust form the first cyclone separately to dust separated by the second cyclones. An inlet-outlet cover (190) is installed on the upper portions of the first and second cyclones such that air flowing from the first cyclone's outlet (123) is guided towards the second cyclones' inlets (141). The dust-collecting apparatus has transparent wall sections such that a user may view the interior of each dust-collector. The first cyclone outlet may further be provided with a grille (131) and a shielding member (135) to enhance separation in the first stage.